

# INTERNATIONAL SEARCH REPORT

International Application No

CT/JP2004/006693

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G11B19/02 G11B31/00 G11B27/031 G11B27/034

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 001 622 A (SONY CORP) 17 May 2000 (2000-05-17) paragraph '0021! paragraphs '0013! - '0015! abstract; figures the whole document	1,16-18
Y	US 2002/071351 A1 (HAMADA TOSHIYA ET AL) 13 June 2002 (2002-06-13) paragraph '0238! - paragraph '0303! the whole document	2-15
Y	US 2002/076195 A1 (NAKAJIMA YASUHISA ET AL) 20 June 2002 (2002-06-20) the whole document	2-15
Y	WO 02/065468 A (SONY CORP ; KUDO SHIGETAKA (JP)) 22 August 2002 (2002-08-22) abstract	12-14
		11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

25 August 2004

Date of mailing of the International search report

03/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Malagoli, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	-& US 2004/013058 A1 (KUDO SHIGETAKA) 22 January 2004 (2004-01-22) abstract paragraph '0213! the whole document -----	11
A	US 2002/109930 A1 (TAKAHASHI TSUTOMU ET AL) 15 August 2002 (2002-08-15) paragraph '0005! - paragraph '0008! paragraph '0025! figures the whole document -----	3
A	EP 1 173 016 A (SONY CORP) 16 January 2002 (2002-01-16) the whole document -----	1-18
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10, 17 November 2000 (2000-11-17) & JP 2000 195232 A (SHARP CORP), 14 July 2000 (2000-07-14) abstract -----	2-18
A	US 2002/126986 A1 (LIM DANNY S ET AL) 12 September 2002 (2002-09-12) paragraph '0005! - paragraph '0016! abstract; figures the whole document -----	1-18

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

CT/JP2004/006693

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 1001622	A 17-05-2000	JP EP	2000152157 A 1001622 A2	30-05-2000 17-05-2000
US 2002071351	A1 13-06-2002	US US CN CN CN EP EP JP JP SG US US US	6430122 B1 2003123846 A1 1323031 A 1484237 A 1220443 A 0911825 A2 0926670 A2 2000011615 A 2000011522 A 82587 A1 2002110058 A1 6188650 B1 6400665 B1	06-08-2002 03-07-2003 21-11-2001 24-03-2004 23-06-1999 28-04-1999 30-06-1999 14-01-2000 14-01-2000 21-08-2001 15-08-2002 13-02-2001 04-06-2002
US 2002076195	A1 20-06-2002	JP CN TW	2002064785 A 1339760 A 517201 B	28-02-2002 13-03-2002 11-01-2003
WO 02065468	A 22-08-2002	JP CN WO US	2002245716 A 1460262 T 02065468 A1 2004013058 A1	30-08-2002 03-12-2003 22-08-2002 22-01-2004
US 2004013058	A1 22-01-2004	JP CN WO	2002245716 A 1460262 T 02065468 A1	30-08-2002 03-12-2003 22-08-2002
US 2002109930	A1 15-08-2002	JP	2002197792 A	12-07-2002
EP 1173016	A 16-01-2002	JP EP US	2002094916 A 1173016 A2 2002081096 A1	29-03-2002 16-01-2002 27-06-2002
JP 2000195232	A 14-07-2000	NONE		
US 2002126986	A1 12-09-2002	NONE		